

**What is claimed is:**

- 1 1. A method for performing lawfully-authorized electronic surveillance,  
2 comprising:  
3 verifying, on a per-call basis, that a call associated with a first party is to be  
4 surveilled; and  
5 multicasting packets associated with the call to a second party and to a  
6 surveillance receiver.
- 1 2. The method of claim 1, wherein:  
2 the call includes a bearer channel,  
3 the multicasted packets are only those packets associated with the bearer  
4 channel of the call.
- 1 3. The method of claim 1, further comprising:  
2 receiving a request for surveillance of calls associated with the first party.
- 1 4. The method of claim 1, wherein at least one from the group of the first party  
2 and the second party are untrusted.
- 1 5. The method of claim 1, wherein packets associated with the call are multicast  
2 by a network edge device connecting a trusted network to an untrusted network, at  
3 least one from the group of the first party and the second party being connected to  
4 the untrusted network.
- 1 6. The method of claim 1, further comprising:  
2 sending a surveilling message to the surveillance receiver after verifying for  
3 the call and before multicasting packets to the surveillance receiver,  
4 the surveilling message indicating an address of the first party and an address  
5 of the second party.

1 7. The method of claim 1, wherein verifying for the call is performed by a gate  
2 controller associated with a network edge device that connects a trusted network to  
3 an untrusted network, at least one from the group of the first party and the second  
4 party being associated with the untrusted network.

1 8. A method for performing lawfully-authorized electronic surveillance,  
2 comprising:  
3 receiving a gate open message having an address of a surveillance receiver  
4 associated with a first party, the gate open message associated with one call between  
5 the first party and a second party; and  
6 multicasting packets associated with the one call to: i) the surveillance  
7 receiver based on the surveillance receiver address, and ii) at least one from the  
8 group of the first party and the second party.

1 9. The method of claim 8, wherein:  
2 the call includes a bearer channel,  
3 the multicasted packets are only those packets associated with the bearer  
4 channel of the call.

1 10. The method of claim 8, wherein the receiving and multicasting are performed  
2 by a network edge device connecting a trusted network to an untrusted network, the  
3 gate open message being received from a gate controller coupled to the network edge  
4 device.

1 11. The method of claim 8, wherein the received gate open message has a  
2 quality-of-service indicator.

1 12. The method of claim 8, further comprising:  
2 distinguishing the bearer channel from a data channel based on the quality-  
3 of-service indicator the received gate open message.

1 13. A method for performing lawfully-authorized electronic surveillance,  
2 comprising:  
3 sending, from a surveillance receiver, a request for surveillance of calls  
4 associated with a first party; and  
5 receiving packets associated with a call between the first party and a second  
6 party, the received packets being multicast from a network edge device to the second  
7 party and the surveillance party.

1 14. The method of claim 13, wherein:  
2 the call includes a bearer channel,  
3 the multicasted packets are only those packets associated with the bearer  
4 channel of the call.

1 15. The method of claim 13, wherein the network edge device is associated with  
2 the first party.

1 16. The method of claim 13, wherein the network edge device is associated with  
2 the second party.

1 17. The method of claim 13, further comprising:  
2 receiving a surveillance message before receiving the multicast packets from  
3 the network edge device,  
4 the surveillance message indicating an address associated with the first party  
5 and an address associated with the second party.

1 18. The method of claim 13, wherein at least one from the group of the first party  
2 and the second party are untrusted.

1 19. The method of claim 13, wherein the network edge device that multicast the  
2 received packets connects a trusted network to an untrusted network, at least one

1     20.     The method of claim 13, wherein verification that a call associated with the  
2     first party is to be surveilled, is performed on a per-call basis and based on the sent  
3     surveillance request.